

PRELIMINARY AMENDMENT
Attorney Docket Q66448

IN THE CLAIMS:

Please cancel claims 3, 4, 7, 9, 11-14, 16, 18, 20-32, 34-46, 49-52, 55-80, 82-85, 87, 89, 91, 92, 94-100, and 102-105 with prejudice or disclaimer.

Please amend the claims as follows:

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2. (Amended) A method as claimed in Claim 1 characterised in that the measuring scale (12, 42, 14) is derived from the computed value of the magnification of the image (2, 41), and preferably the measuring scale (12, 42) derived from the computed value of magnification of the image (2, 41) is formed in the image plane (4) along with the image (2, 41) and advantageously, the computed value of the magnification of the image (2) is stored.

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5. (Amended) A method as claimed in Claim 2 characterised in that the image is stored, and the stored computed value of the magnification of the image (2) is stored separately from the stored image (2) but correlated therewith.

6. (Amended) A method as claimed in Claim 1 characterized in that the measuring scale (12, 42) is stored, and preferably, the measuring scale (12, 42) is stored separately from the stored image (2) but correlated therewith.

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8. (Amended) A method as claimed in Claim 2 characterised in that the stored computed values of the magnification of the image (2) and the measuring scale (12, 42) are stored electronically, and preferably, the stored computed values of the magnification of the image (2) and the measuring scale (12, 42) are stored in digital format.

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10. (Amended) A method as claimed in Claim 1 characterised in that the magnification of the image (2) is computed as a function of the distance of the image plane (4) from the optical centre (24) of the lens (21) which forms the image (2) of the object, and the

PRELIMINARY AMENDMENT
Attorney Docket Q66448

18
focal length of the lens (21), and preferably, the method further comprises the step of determining the distance of the image plane (4) from an optical centre (24) of the lens (21) which forms the image (2) of the object and advantageously, the method further comprises the step of determining the focal length of the lens (21) and preferably, the magnification of the image (2) is computed under the R.P. Convention by dividing the distance of the image plane (4) from the optical centre (24) of the lens (21) by the focal length of the lens (21) and subtracting the value one from the quotient of the division, alternatively, the magnification of the image (2) is computed under the N.C. Convention by dividing the distance of the image plane (4) from the optical centre (24) of the lens (21) by the focal length of the lens (21) and subtracting the quotient of the division from the value one.

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15. (Amended) A method as claimed in Claim 10 characterised in that the distance of the image plane (44) from the optical centre (24) of the lens (21), and the focal length of the lens (21) are determined by electronic computing (26), alternatively, the distance of the image plane (4) from the optical centre (24) of the lens (21) and the focal length of the lens (21) are determined mechanically.

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17. (Amended) A method as claimed in Claim 1 characterised in that the computation of the magnification of the image (2) relative to the object is carried out by electronic computing (26), and preferably, the measuring scale (12, 42) is adapted to be formed in the image plane in a desired location relative to the image of the object.

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19. (Amended) A method as claimed in Claim 1 characterised in that the measuring scale (12, 42) is adapted to be moveable in the image plane (4) relative to the image (2), and preferably, the measuring scale (12, 42) is formed adjacent at least one edge (17, 18) of

PRELIMINARY AMENDMENT
Attorney Docket Q66448

an area of the image plane (4) within which the image (2) is formed, and advantageously, a pair of measuring scales (12) are formed adjacent a pair of adjacent edges (17, 18) of the area of the image plane (4) within which the image (2) is formed, and preferably, the measuring scale (12) is formed around the periphery of the area of the image plane (4) within which the image (2) is formed, and advantageously, the measuring scale (12, 42) is formed adjacent the image (2), and preferably, the measuring scale (12) is formed by a plurality of spaced apart graduations (15), and advantageously, the graduations (15) of the measuring scale (12) are equi-spaced apart, alternatively, the measuring scale (42) is provided by a circle (43), the diameter (42) of which corresponds to one or more measuring units, and preferably, the type and number of measuring units to which the diameter (42) of the circle (43) corresponds are displayed along with the circle (43), and advantageously, the type and number of measuring units to which the diameter (42) of the circle (43) corresponds are displayed within the circle (43), and preferably, the circle (43) is bisected by a line corresponding to a diameter (42) of the circle, and preferably, the diameter line (42) extends horizontally, and preferably, the measuring scale (12, 42) corresponds to the metric measuring system, alternatively, the measuring scale (12, 42) corresponds to the British Imperial System.

33. (Amended) A method as claimed in Claim 1 characterised in that the image and the measuring scale (12, 42) is formed on a receiving means (3, 52) in the image plane (4), and preferably, the receiving means (3, 52) comprises a photosensitive medium (3, 52), and advantageously, the receiving means (3, 52) comprises a charge coupled device, and preferably, the measuring scale (12, 42) is formed by a light projecting means (35), and advantageously, the measuring scale (12, 42) is formed by a light masking means, and preferably, the measuring

PRELIMINARY AMENDMENT
Attorney Docket Q66448

112
scale (12, 42) is formed by an electronic forming means (26), alternatively, the measuring scale (12, 42) if formed by a mechanical forming means, and advantageously, the measuring scale (12, 42) is converted to electronic signals, and preferably, the image (2) is converted to electronic signals, and advantageously, the electronic signals are analogue signals, alternatively, the electronic signals are digital signals.

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48. (Amended) Apparatus as claimed in Claim 47 characterised in that a means (26) is provided for deriving the measuring scale (12, 42) from the computed value of the magnification of the image (2, 41), and preferably, a means (35) for forming the measuring scale along with the image is provided, and advantageously, a magnification storing means (56) is provided for storing the computed value of the magnification of the image (2, 41), and preferably, a measuring scale storing means (56) is provided for storing the measuring scale (12, 42), and preferably, an image storing means (56) is provided for storing the image (2, 8).

114
53. (Amended) Apparatus as claimed in Claim 48 characterised in that the magnification storing means and the measuring scale storing means are separate from the image storing means but correlated with the image storing means.

54. (Amended) Apparatus as claimed in Claim 47 characterised in that a means (30) for determining the distance of the image plane (4) from the optical centre (24) of a lens (21) which forms the image of the object is provided, and preferably, a means (32) for determining the focal length of the lens (21) is provided, and advantageously, the computing means (26) computes the magnification of the image (2, 41) from signals received from the means (30) for determining the distance of the image plane (4) from the optical centre (24) of the lens (21) and from the signals received from the means (32) for determining the focal length of

PRELIMINARY AMENDMENT
Attorney Docket Q66448

the lens (21) and preferably, the means for determining the distance of the image plane from the optical centre of the lens comprises a first sensing means (30) for sensing the position of the lens relative to the image plane, and preferably, the first sensing means (30) is an electronic sensing means, alternatively, the first sensing means (30) is a mechanical sensing means, alternatively, the first sensing means (30) comprises a combination of an electronic and a mechanical sensing means, and preferably, the means (32) for determining the focal length of the lens comprises an input means for facilitating inputting of the focal length of the lens, and preferably, the input means comprises a manual inputting means, alternatively, the means for determining the focal length of the lens comprises a second sensing means (32) for sensing the focal length of the lens, and preferably, the second sensing means (32) is an electronic sensing means, alternatively, the second sensing means (32) is a mechanical sensing means, preferably, the second sensing means (32) comprises a reading means for reading a code on the lens indicating the focal length of the lens, and advantageously, the focal length storing means is provided for storing the focal length of the lens, and preferably, the means (35) for forming the measuring scale (12, 42) is adapted for forming the measuring scale in the image plane at a desired location relative to the image, and preferably, the means (35) for forming the measuring scale (12, 42) is adapted for facilitating movement of the measuring scale in the image plane relative to the image, and advantageously, the means (35) for forming the measuring scale (12, 42) forms the measuring scale adjacent one edge of an area of the image plane within which the image is formed, and preferably, the means (35) for forming the measuring scale (12, 42) forms the measuring scale adjacent two adjacent edges of the area of the image plane within which the image is formed, and preferably, the means (35) for forming the measuring scale (12, 42) forms the measuring scale as a plurality of spaced

apart graduations (15), and advantageously, the graduations (15) of the measuring scale are equi-spaced apart, alternatively, the means (35) for forming the measuring scale (12, 42) forms the measuring scale in the form of a circle (43), the diameter (42) of which corresponds to one or more measuring unites, and preferably, the means (35) for forming the measuring scale (42) displays the type and number of measuring units to which the diameter (42) of the circle (43) correspond, and preferably, the type and number of measuring units to which the diameter of the circle corresponds is displayed within the circle, and preferably, the means for forming the measuring scale forms a line corresponding to a diameter through the circle (43), and advantageously, the line corresponding to the diameter(42) of the circle extends horizontally across the circle (43), and preferably the measuring scale (12, 42) corresponds to the metric measuring system, alternatively the measuring scale (12, 42) corresponds to the British Imperial Measuring System.

81. (Amended) Apparatus as claimed in Claim 47 characterised in that a receiving means (3, 52) is located in the image plane (4) for receiving the image, and preferably, the receiving means (3, 52) comprises a photosensitive medium, and advantageously, the receiving means (3, 52) comprises a light sensitive photographic medium, alternatively, the receiving means (3, 52) comprises a charge coupled device, and preferably, the means (35) for forming the measuring scale (12, 42) is adapted for forming the measuring scale on the receiving means (3, 52).

7

PRELIMINARY AMENDMENT
Attorney Docket Q66448

416 preferably, the means (35) for forming the measuring scale (12, 42) comprises a light masking means.

417 88. (Amended) Apparatus as claimed in Claim 81 characterised in that the means (26) for forming the measuring scale comprises an electronic forming means for electronically forming the measuring scale, alternatively, the means for forming the measuring scale comprises a printing means for printing the measuring scale on the receiving means.

418 90. (Amended) Apparatus as claimed in Claim 47 characterised in that the magnification storing means, the image storing means and the measuring scale storing means are provided by electronic storing means, and preferably, the magnification value of the image is stored in a digital format in the magnification storing means (56) and advantageously, the measuring scale is stored in a digital format in the measuring scale storing means (56).

419 93. (Amended) Apparatus as claimed in Claim 47 characterised in that the apparatus (10, 51) is adapted for use in a photographic camera, alternatively, the apparatus (10, 51) is adapted for use is a telephotographic camera, alternatively the apparatus (10, 51) is adapted for use in a video camera, alternatively, the apparatus (10, 51) is adapted for use in a digital camera, alternatively, the apparatus (10, 51) is adapted for incorporation into a photographic camera, alternatively, the apparatus (10, 51) is adapted for incorporation into a telephotographic camera, alternatively, the apparatus (10, 51) is adapted for incorporation into a video camera, alternatively, the apparatus (10, 51) is adapted for incorporation into a digital camera.

420 101. (Amended) A camera characterised in that the camera comprises the apparatus (10, 51) as claimed in Claim 47, and preferably, the camera is a photographic camera (1),